

Title (en)

Push-button switch unit with display device

Title (de)

Druckknopfschaltereinheit mit Anzeigevorrichtung

Title (fr)

Unité de commutation à bouton-poussoir avec dispositif d'affichage

Publication

EP 2482298 A2 20120801 (EN)

Application

EP 12380004 A 20120131

Priority

ES 201100105 U 20110201

Abstract (en)

The unit comprises a display device (3) housed in a push-button casing (4, 5) movably housed in a base casing (1). The display device (3) has a luminous display area (21) on a support plate (22) asymmetric thereto. The push-button casing is asymmetric relative to a viewing window (23) thereof, through which the luminous display area (21) is visible. The base casing (1) has a side opening (15a) to accommodate the push-button casing without the latter protruding laterally. The base casing (1) has a frame (2) attached having a bevel (16) formed around an opening (14) aligned with the viewing window (23). The bevel (16) has regular width around the entire opening (14) and protrudes laterally a regular distance from all sides of the base casing (1).

IPC 8 full level

H01H 13/04 (2006.01); **H01H 13/10** (2006.01); **H01H 13/14** (2006.01)

CPC (source: EP US)

H01H 9/161 (2013.01 - EP US); **H01H 13/023** (2013.01 - EP US); **H01H 13/04** (2013.01 - EP US); **H01H 13/10** (2013.01 - EP US); **H01H 13/14** (2013.01 - EP US); **H01H 2009/164** (2013.01 - EP US); **H01H 2013/026** (2013.01 - EP US); **H01H 2219/012** (2013.01 - EP US); **H01H 2219/037** (2013.01 - EP US); **H01H 2219/04** (2013.01 - EP US)

Citation (applicant)

- US 7060922 B2 20060613 - HOEHNE GEORGE [US], et al
- EP 2053622 A2 20090429 - NIHON KAIHEIKI IND CO LTD [JP]
- JP H042013 A 19920107 - NEC CORP

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2482298 A2 20120801; **EP 2482298 A3 20130626**; **EP 2482298 B1 20141203**; ES 1073942 U 20110304; ES 1073942 Y 20110606; ES 2531420 T3 20150313; US 2013026017 A1 20130131; US 8558130 B2 20131015

DOCDB simple family (application)

EP 12380004 A 20120131; ES 12380004 T 20120131; ES 201100105 U 20110201; US 201213363715 A 20120201